

<i>Seabed Grab Sampling Operations</i>	
Vessel	R/V Ryan Chouest
Summary Report Number	07
Operating equipment	Van Veen grab (0.1 square m)
Date	14 October 2010
Completed casts (24 hr)	4
Report complied by	Michael J. Hamilton

Seabed sampling locations

MV Ryan Chouest Sediment Sample Report Oct 14,2010



51	48	S096S	Sed	Grab	30.044662	-88.552452	-21.000000
52	49	S132S	Sed	Grab	30.174087	-88.705622	-10.250000
53	50	S133S	Sed	Grab	30.172035	-88.856722	-10.000000
54	51	S119S	Sed	Grab	30.042794	-88.703368	-14.250000

Grab samples were processed and stored in accordance with SOPRC01. Where grab volume was sufficient samples of sediment were taken, prepared and stored (frozen - 20°C) for hydrocarbon, trace metal, BTEX, grain size, total inorganic carbon (TIC) total organic carbon (TOC) and Microtox™ toxicology analysis onshore.

Core samples were taken from the grab sediments where sample depth allowed using core sections OD 110mm to a depth 0-3cm.

Station S133S

Lat: 30.172039

Long: -88.856715

15:53 (CDT)

Sediment

Recovery: Total 1 grabs attempts. Sample taken from grab #1

Visible contamination: None

Olfactible contamination: None

Description: Wet clayey silt.

Color: Greenish black 5GY 2.5/1

Remarks: None

Biota: Polychaetes, snails



Station S119S

Lat: 30.042792

Long: -88.703356

18:39 (CDT)

Sediment

Recovery: Total 5 grabs attempts. Sample taken from grab #5

Visible contamination: None

Olfactible contamination: None

Description: Clayey Silt

Color: Greenish Black GLEY1 2.5/1 (10Y)

Remarks: None

Biota: Polychaetes



Station S123S

Lat: 29.911497

Long: -88.701126

20:46 (CDT)

Sediment

Recovery: Total 1 grabs attempts. Sample taken from grab #1.

Visible contamination: None

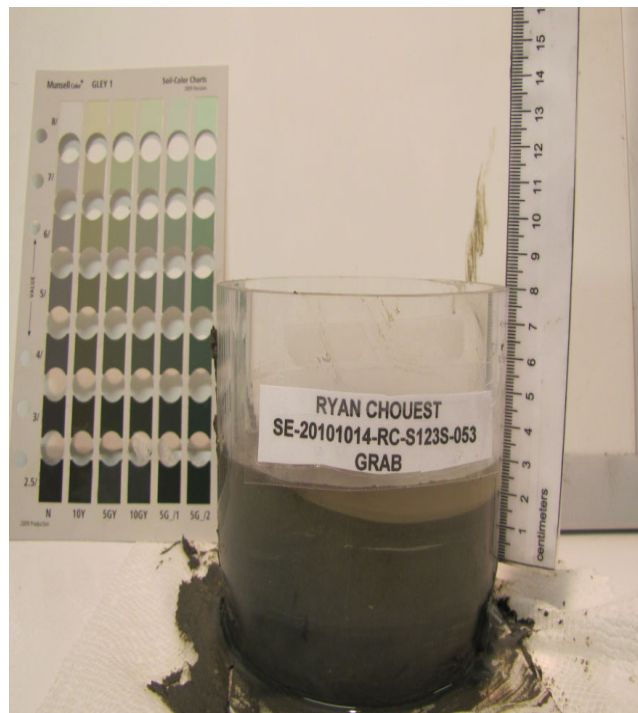
Olfactible contamination: None

Description: Clayey Silt

Color: Greenish Black 2.5/1
(10Y) GLEY1

Remarks: None

Biota: Snails



Station S091S

Lat: 29.913363

Long: -88.550419

23:09 (CDT)

Sediment

Recovery: Total 1 grabs attempts. Sample taken from grab #1. Photos taken after sample removal

Visible contamination: None

Olfactible contamination: None

Description: Wet Clayey Silt

Color: Greenish Black

GLE Y1 2.5/1 (5GY)

Remarks: None

Biota: Polychaetes

